

Form PTO-1595 (Rev. 01-09)
OMB No. 0851-0027 (exp. 02/28/2009)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies): Kunihiro Komai (11/08/2011), Izumi Kinoshita (11/14/2011), and Tatsuya Miyadera (11/08/2011) Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>Ricoh Company, Limited</u> Internal Address: _____ Street Address: _____ 3-6, Nakamagome 1-chome Ohta-ku, Tokyo 143-8555 JAPAN City: _____ State: _____ Country: _____ Zip: _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance/Execution Date(s): Execution Date(s): in parentheses after inventor name <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> _____ <input checked="" type="checkbox"/> Other: Nature of Conveyance: <input type="checkbox"/> Correct Recordation Date of first and third inventors <input type="checkbox"/> Reel and Frame: 027331/0042	4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) 13/308,791 B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Donald J. Daley</u> <u>HARNESS, DICKEY & PIERCE, P.L.C.</u> Internal Address: Atty. Dkt.: 6164-000552/US Street Address: P.O. Box 8910 City: <u>Reston</u> State: <u>VA</u> Zip: <u>20195</u> Phone Number: <u>(703) 668-8000</u> Fax Number: <u>(703) 668-8200</u> Email Address: <u>dcmailroom@hdp.com</u>	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)
8. Payment Information Deposit Account Number <u>08-0750</u> Authorized User Name <u>Donald J. Daley</u>	
9. Signature: <div style="text-align: center; margin-top: 20px;"> _____ Signature </div> <div style="text-align: right; margin-top: 10px;"> <u>April 19, 2013</u> Date </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> <u>Donald J. Daley - 34,313</u> Name of Person Signing </div> <div style="text-align: right;"> Total number of pages including cover sheet, attachments, and documents: 4 </div> </div>	

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PATENT
REEL: 030252 FRAME: 0381

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Form PTO-1595 (Rev. 01-09)
OMB No. 0661-0027 (exp. 02/28/2009)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET

PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Kunihiro Komai (11/18/2011), Izumi Kinoshita
(11/14/2011), and Tatsuya Miyadera (11/18/2011)Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Ricoh Company, Limited

Internal Address:

Street Address:

3-6, Nakamagome 1-chome
Ohta-ku, Tokyo
143-8555
JAPAN

City:

State:

Country:

Zip:

Additional name(s) & address(es)
attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

☒ Assignment ☐ Merger ☐ Change of Name☐ Security Agreement ☐ Joint Research Agreement☐ Government Interest Assignment☐ Executive Order 9424, Confirmatory License☐ Other

4. Application or patent number(s):

A. Patent Application No.(s)

13/308,791

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached?

☐ Yes ☒ No5. Name and address to whom correspondence
concerning document should be mailed:Name: Donald J. Daley
HARNESS, DICKEY & PIERCE, P.L.C.

Internal Address: Atty. Dkt.: 6164-000552/US

Street Address: P.O. Box 8910

City: Reston

State: VA Zip: 20195

Phone Number: (703) 668-8000

Fax Number: (703) 668-8200

Email Address: dcmailroom@hdp.com

6. Total number of applications and
patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

☒ Authorized to be charged to deposit account☐ Enclosed☐ None required (government interest not affecting title)

8. Payment information

Deposit Account Number 08-0750

Authorized User Name Donald J. Daley

9. Signature:



Signature

December 1, 2011

Date

Donald J. Daley - 34,313

Name of Person Signing

Total number of pages including cover
sheet, attachments, and documents:

4

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U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned Inventor(s) (hereinafter, "ASSIGNOR") by
(Insert Name(s) & Address(es) of ASSIGNEE(S))

RICOH COMPANY, LIMITED

3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555 Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)
LIGHT SOURCE CONTROL CIRCUIT, IMAGE FORMING APPARATUS, AND
LIGHT SOURCE CONTROL METHOD

relating to International Patent Application PCT/IP / and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on _____; (Insert date of execution of application, if not concurrent)

(b) filed on _____

Serial No. _____

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1) <u>Kunihiko Komai</u> (Signature)	Kunihiko KOMAI (Type Name)	<u>November 8 / 2011</u> (Date)
2) _____ (Signature)	Izumi KINOSHITA (Type Name)	_____ (Date)
3) <u>Tatsuya Miyadera</u> (Signature)	Tatsuya MIYADERA (Type Name)	<u>November 8 / 2011</u> (Date)
4) _____ (Signature)	_____ (Type Name)	_____ (Date)
5) _____ (Signature)	_____ (Type Name)	_____ (Date)

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned Inventor(s) (hereinafter, "ASSIGNOR") by
(Insert Name(s) & Address(es) of ASSIGNEE(S))

RICOH COMPANY, LIMITED

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(Title of Invention)

LIGHT SOURCE CONTROL CIRCUIT, IMAGE FORMING APPARATUS, AND

LIGHT SOURCE CONTROL METHOD

relating to International Patent Application PCT/JP / and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on _____ (Insert date of execution of application, if not concurrent)

(b) filed on _____

Serial No. _____

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1) _____ (Signature)	Kunihiro KOMAI (Type Name)	_____ (Date)
2) <u><i>Izumi Kinoshita</i></u> (Signature)	Izumi KINOSHITA (Type Name)	<u><i>November 14, 2011</i></u> (Date)
3) _____ (Signature)	Tatsuya MIYADERA (Type Name)	_____ (Date)
4) _____ (Signature)	_____ (Type Name)	_____ (Date)
5) _____ (Signature)	_____ (Type Name)	_____ (Date)

PATENT